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(54) COMPOSITION FOR EXTERNAL USE

(57)Abstract:

PROBLEM TO BE SOLVED: To obtain a composition that has excellent endermic absorption and analgesic action by adding an alcohol and a carboxylate ester and/or a carboxylic acid.
SOLUTION: This composition contains (A) 0.2-20wt.% of diclofenac or its salt, (B) 0.5-90wt.% of alcohol and (C) 0.5-20wt.% of a carboxylate ester and/or carboxylic acid. The component A is diclofenac sodium or diclofenac ammonium. The component B is a monohydric lower alcohol, for example, ethyl alcohol and/or isopropyl alcohol. The carboxylate ester is an ester from an aliphatic monocarboxylic acid and a monohydric alcohol and the carboxylic acid is an aliphatic carboxylic acid.

Unit : g

	Example 1	Example 2	Example 3	Example 4	Comparative example 1
Dichlofenac sodium	1	1	1	1	1
Propylene glycol	20	20	20	20	20
Polyethyleneglycol monooleate(2E.O.)	8	-	-	-	-
Polyoxyethylene laurylether(9E.O.)	0.5	-	-	0.5	-
Polyethyleneglycol monooleate(10E.O.)	-	1	1	-	-
Batyl alcohol 100	-	0.5	0.5	-	-
Isopropyl myristate	-	5	-	-	-
Ethyl linoleate	-	-	5	-	-
Propyleneglycol monooleate	-	-	-	8	-
The resulting total weight was 100g by adding purified water,					

The pH was adjusted at about 7, by adding the pH modulator.